SEQUENCE LISTING

(110) The University of Texas System Board of Regents

(120) Regulatable, Catalytically Active Nucleic Acids

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(140) 09/883,119
(141) 2001-06-14

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(160) 44

(170) PatentIn version 3.1

(210) 1
(211) 129
(212) DNA
(213) Artificial Sequence

(220)
(223) Engineered Aptazyme

(400) 1
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aaagttgttaa agcaagttgt ctatcgtttc gagtcacttg accctactcc ccaaagggat 120

agtcgttag 129

(210) 2
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(213) Artificial Sequence

(220)
(223) Engineered Aptazyme

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taatccgatg ctaaattata ccagcatcgt cttgatgccc ttggcagata aatgcctaac 120

gactatccat t 131

(210) 3
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(213) Artificial Sequence

(220)
(223) Engineered Aptazyme

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cctgagtata aggtg 75

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gctatccct t 131

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cuccagacuu gacgaagcuu 80

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cacuccagac uugacgaagc uu 82

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cuccagacuu gacgaagcuu 80

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<400> 18
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<210> 19
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ctaatccgtg ctaaatgcct aacgactatc cctt 94

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ctaatccgtg ctaaattata ccagcatcgt cttgatgccc ttggcagata aatgcctaac 120

gactatccct t 131

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acgactatcc ctt 133

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<212> DNA
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<220>
<223> oligonucleotide

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caatccegtg cataccagca tcgtcttgat gcccttggca ggcctaacga ctatccctt 119

<210> 23
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<213> Artificial Sequence

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caatccegtg ctaaatatac cagcatcgtc ttgatgccct tggcagtaaa tgcctaacga 120

ctatccctt 109

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caatcccgta taccagcatc gtcttgatgc ccttggcagc taacgactat ccctt 115

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aatccgtg atacagcat cgtcttgatg cccttggcag cctaacgact atcccctt 117

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atcaaatgcct aacgactatc cctt 144

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<400> 27
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ttgatgcccc ttggcagaca atcccgtgct aaattgtagg actgcccggg ttctacataa 120

atgcctaacg actatccctt 140

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atcgcttga tgccattggc agataaatg cctaacgact atcccctt 107

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tt 122

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cctt 104

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<210> 33
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<400> 33
gctctagact tagctacaat atgaac 26

<210> 34
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<220>
<223> substrate

<400> 34
aaaaaaaaaa aaaaaaaaaa aaugcacu 28

<210> 35
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t 61

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<211> 50
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<210> 43
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<222> (31)..(31)
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<210> 44
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<223> n=a, c, t, or g

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